No HDSL repeater?

ADC

Patrigia?

Adtran

Paul Chang
Feb. 22, 1997

SunSet HDSL

1. Use the 2nd generation chassis (NimH battery pack)

2. Connector pannels

T1

Right side - Dual bantam jacks for T1 line. single bantam jack to T1 external clock

Left side - Dual bantam jack and one RJ45 for HDSL line

E1

Right side - Banana 3-pin & BNC for E1 line

Left side - Banana 3-pin & BNC for E1 external clock, RJ45 for HDSL line

3. LED pannel

T1 section - signal/pulses, SF-D4, ESF, SLC-96, B8ZS, Yellow alarm, AIS, Error, BPV

E1 section - signal, PCM-30, PCM-31, CRC-4, HDB3, Alarm, AIS, Error, Code error

HDSL section -

   Loop 1 - signal, marginal, error

   Loop 2 - signal, marginal, error

Common - pat sync, bit error, Ext clock (to indicate T1 or E1 external clock source)

4. PCB modules

   Motoup

   HDSL carrier

   T1/E1 interface

   DSP / keyboard

   LED / speaker

   LCD

5. Features

   T1- BERT (long bit pattern test)

   E1 - BERT (use dallas BERT chip, 32 bit repeating)

   G.821, G.826, M2100/M550

   T1/E1 signal level, frequency, wander measurement

   T1/E1 voice channel drop/insert, send/rcv tone, noise (same as E10/T10) _ Dial Analysis, Call

   T1/E1 frame relay (option)

   ISDN PRI call setup (option)

SunSet XDSL

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Feb. 22, 1997

SunSet ADSL — How many flavors supported?
VDSL, non-Alcatel?

1. Use the 2nd generation chassis (NimH battery pack)

2. Connector pannels

Right side - RJ45 for ADSL connection, RJ11 for POTS handset connection

Left side - Blank

3. LED pannel

ADSL - signal, marginal, error

ATM - (to be defined)

Common - pat sync, bit error

4. PCB modules

Motoup

ADSL interface, POTS interface

ADSL processor and ATM cell generator

DSP / keyboard

LED / speaker

LCD

5. Features

ADSL BERT

G.821, G.826, M2100/M550

ADSL - G filter (1K to 3M) and level/freq measurement (option) — Band Mgmt

ADSL - send tone (~ 300Khz) (option)

ATM cell generation and BERT (option)

Histogram

Dual PCMCIA cards — PING?

FOX?

HDSL - BERT
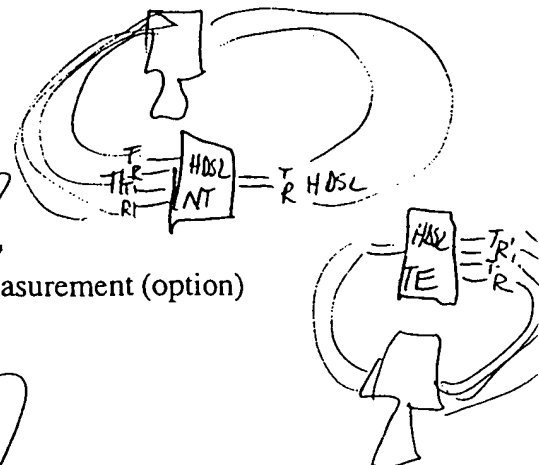
HDSL - T1/E1 adaptor test — *Test terminal?*

HDSL - E & F filter (1K to 750K) and level/freq measurement (option)

HDSL - send tone (~ 200Khz) (option)

Histogram

Dual PCMCIA cards

NT & LT emulation?

Supports PairGain, Adtran, ADC?

SunSet HDSL

Cost break:
1. Chassis (including labels) -
2. MOTOUP
3. T1 INTERFACE
4. HDSL board carrier ++
5. LED
6. DSP
7. Battery + charger
Total

List price
Base unit
T1, HDSL, TIMS
PRI - option
Frame Relay - option
ESF data link - option
Intelligent products - option